```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082178.D
Acq On    : 10 Oct 2015  16:06
Operator  : UM/IZ
Sample    : PB86017BS
Misc      :
ALS Vial  : 14   Sample Multiplier: 1

Quant Time: Oct 12 02:27:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration
```

Instrument : BNA_F
ClientSampleId : PB86017BS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:33:01 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84158	20.00 ng	0.00
21) Naphthalene-d8	8.13	136	340331	20.00 ng	0.00
38) Acenaphthene-d10	9.89	164	171413	20.00 ng	0.00
63) Phenanthrene-d10	11.37	188	319941	20.00 ng	0.00
75) Chrysene-d12	14.01	240	305136	20.00 ng	0.00
86) Perylene-d12	15.44	264	241467	20.00 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.44	112	537825	128.98 ng	0.01
7) Phenol-d6	6.48	99	711443	131.11 ng	0.00
23) Nitrobenzene-d5	7.41	82	440451	86.91 ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	200599	124.79 ng	0.00
44) 2-Fluorobiphenyl	9.21	172	952669	92.17 ng	0.00
78) Terphenyl-d14	12.96	244	1007478	87.49 ng	0.00

Target Compounds	R.T.	QIon	Response	Conc Units		Qvalue
2) 1,4-Dioxane	2.53	88	73730	35.19 ng		96
3) Pyridine	3.23	79	182192	37.39 ng		99
4) n-Nitrosodimethylamine	3.20	42	78559	38.01 ng		96
6) Aniline	6.50	93	156213	22.33 ng		96
8) 2-Chlorophenol	6.63	128	207162	40.70 ng		98
9) Benzaldehyde	6.39	77	92103	33.24 ng		92
10) Phenol	6.49	94	278855	44.57 ng		94
11) bis(2-Chloroethyl)ether	6.58	93	217678	41.14 ng		96
12) 1,3-Dichlorobenzene	6.78	146	242051	40.83 ng		98
13) 1,4-Dichlorobenzene	6.86	146	248007	40.06 ng		98
14) 1,2-Dichlorobenzene	7.01	146	237231	40.35 ng		96
15) Benzyl Alcohol	6.98	79	159156	42.49 ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	295683	40.13 ng		99
17) 2-Methylphenol	7.10	107	167055	41.50 ng		98
18) Hexachloroethane	7.35	117	85679	40.43 ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	144105	37.81 ng	#	89
20) 3+4-Methylphenols	7.26	107	208203	43.40 ng		92
22) Acetophenone	7.26	105	282272	41.93 ng	#	96
24) Nitrobenzene	7.43	77	226106	41.22 ng		92
25) Isophorone	7.67	82	410505	40.13 ng		96
26) 2-Nitrophenol	7.75	139	116764	42.63 ng		93
27) 2,4-Dimethylphenol	7.78	122	189912	43.04 ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	249383	41.90 ng		98
29) 2,4-Dichlorophenol	7.99	162	205404	46.56 ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	212489	41.79 ng		98
31) Naphthalene	8.15	128	636813	43.17 ng		100
32) Benzoic acid	7.92	122	124797	42.14 ng		97
33) 4-Chloroaniline	8.21	127	77423	12.64 ng		96
34) Hexachlorobutadiene	8.26	225	130936	41.33 ng		98
35) Caprolactam	8.57	113	54434m	42.52 ng		
36) 4-Chloro-3-methylphenol	8.69	107	193119	44.77 ng		99
37) 2-Methylnaphthalene	8.85	142	429035	41.95 ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	208485	40.89 ng		99
40) Hexachlorocyclopentadiene	8.99	237	227064	87.18 ng		99

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10/12/2015 2:33:01 PM

Quant Time: Oct 12 02:27:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137439	40.59	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	149661	40.80	ng		98
45) 1,1'-Biphenyl	9.30	154	506489	38.75	ng		99
46) 2-Chloronaphthalene	9.33	162	417971	40.62	ng	#	93
47) 2-Nitroaniline	9.43	65	114029	40.37	ng		98
48) Acenaphthylene	9.75	152	696970	43.48	ng		99
49) Dimethylphthalate	9.61	163	490370	40.63	ng		100
50) 2,6-Dinitrotoluene	9.68	165	110386	43.34	ng	#	84
51) Acenaphthene	9.92	154	398474	41.41	ng		99
52) 3-Nitroaniline	9.85	138	49479	17.20	ng		98
53) 2,4-Dinitrophenol	9.95	184	123142	86.00	ng		95
54) Dibenzofuran	10.09	168	590721	44.71	ng		100
55) 4-Nitrophenol	10.01	139	140803	73.30	ng		86
56) 2,4-Dinitrotoluene	10.08	165	143752	45.16	ng		99
57) Fluorene	10.43	166	479528	44.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	121164	40.43	ng		99
59) Diethylphthalate	10.31	149	471544	41.91	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	212759	42.80	ng		98
61) 4-Nitroaniline	10.47	138	108805	38.99	ng		93
62) Azobenzene	10.58	77	466570	42.37	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	81686	45.50	ng		92
65) n-Nitrosodiphenylamine	10.55	169	409520	42.75	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	140955	44.02	ng		97
67) Hexachlorobenzene	10.98	284	144506	41.73	ng		98
68) Atrazine	11.07	200	120221	39.61	ng		99
69) Pentachlorophenol	11.18	266	169453	95.10	ng		98
70) Phenanthrene	11.39	178	673434	42.94	ng		100
71) Anthracene	11.45	178	736861	45.60	ng		99
72) Carbazole	11.60	167	623466	42.29	ng		100
73) Di-n-butylphthalate	11.93	149	787326	43.29	ng		100
74) Fluoranthene	12.58	202	760722	45.16	ng		100
76) Benzidine	12.71	184	163681	18.51	ng		99
77) Pyrene	12.81	202	757753	41.85	ng		100
79) Butylbenzylphthalate	13.43	149	324333	39.25	ng		98
80) Benzo(a)anthracene	14.00	228	671666	42.31	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	166830	27.68	ng		99
82) Chrysene	14.04	228	588923	35.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	475958	40.37	ng		99
84) Di-n-octyl phthalate	14.60	149	776209	38.34	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	546848	41.13	ng		99
87) Benzo(b)fluoranthene	15.03	252	722230m	49.16	ng		
88) Benzo(k)fluoranthene	15.06	252	455316m	36.87	ng		
89) Benzo(a)pyrene	15.38	252	552048	43.73	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	456275	44.10	ng		99
91) Benzo(g,h,i)perylene	17.28	276	443092	44.08	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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